

[First Hit](#) [Previous Doc](#) [Next Doc](#) [Go to Doc#](#)**End of Result Set** [Generate Collection](#) [Print](#)

L4: Entry 13 of 13

File: JPAB

Aug 28, 1991

PUB-NO: JP403196739A

DOCUMENT-IDENTIFIER: JP 03196739 A

TITLE: CELL TRANSFER SYSTEM AND COMMUNICATION CONTROLLER ACCORDING TO THE SYSTEM

PUBN-DATE: August 28, 1991

INVENTOR-INFORMATION:

NAME	COUNTRY
KIMURA, NAOHIRO	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
OKI ELECTRIC IND CO LTD	

APPL-NO: JP01334873

APPL-DATE: December 26, 1989

US-CL-CURRENT: 370/349; 370/FOR.160

INT-CL (IPC): H04L 12/56

ABSTRACT:

PURPOSE: To decrease a transmission delay time for retransmission control and to improve the utilizing efficiency and transmission quality by composing a packet frame into plural cells of a prescribed length, sending them and allowing a receiver side to check them in the unit of the cells.

CONSTITUTION: A sender side controller 3A outputs plural data having a destination address to a transmission section 4A of a communication controller 2A. The transmission section 4A discriminates data of one and same destination to form one or plural cells. Each cell consists of a header including a destination address and a check bit and a data, the cell is sent to a communication network 5 while being subject to self routing based on the header and reaches a reception section 6B of a communication controller 2B indicated by the destination address. The reception section 6B checks the address and the check bit of the received cell and outputs the result to a controller 3B when there is no error. When any error exists, the controller 3B allows the transmission section 4B to output a retransmission request and the sender side reception 6A receives it and the transmission section 4A reads the cell from the retransmission buffer and sends it to the communication network 5.

COPYRIGHT: (C)1991, JPO&Japio

[Previous Doc](#) [Next Doc](#) [Go to Doc#](#)